FrontPage 2003
Lesson 11 - Multimedia

Working with Sound

Background sounds or music can be added to a page so it plays automatically when opened in a browser. Be aware that not all browsers support sound. A common sound file format should be used to let most browsers play it. See Table 1 for the common audio formats used on the Internet.

Table 1. Audio file formats

Format	Extension	Description
WAV	.wav	Default audio format – Windows computers
MP3	.mp3	Popular digital music format
AIFF	.aif, .aiff	Original audio format – Macintosh computers
QuickTime	.qt	Requires the QuickTime player to be installed
Windows Media Audio	.wma	More features than WAV
RealAudio	.rm, .ram	Requires RealPlayer to be installed

Adding ClipArt Sound

1.   Open the **Practice** web site.

2.   Open the favorite_things.htm file.

3.   Add a *folder* named **multimedia**.

4.   Place the cursor at the end of the phrase "Doorbells and sleigh bells."

5.   Click **Insert > Picture > ClipArt**. The *ClipArt* task pane opens.

6.   Type **bells** in the *Search for* field.

7.   Click the **Search in down arrow**. The **Everywhere** box should be checked. Click the **down arrow again** to close the list.

8.   Click the **Results should be down arrow**. Check the **Sound** box, and **uncheck** the other boxes. Click the **down arrow again** to close the list.

9.   Click the **Go** button.

10.   Look for the **Sleigh Bell** file.

11.   Point to the **image**.

12.   Click the **arrow**.

13.   Click **Insert**.

14.   Click the **Close** button on the *Clip Art* task pane.

15.   **Save** the page.

16.   When the *Save Embedded Files* dialog box displays, click the **Rename** button.
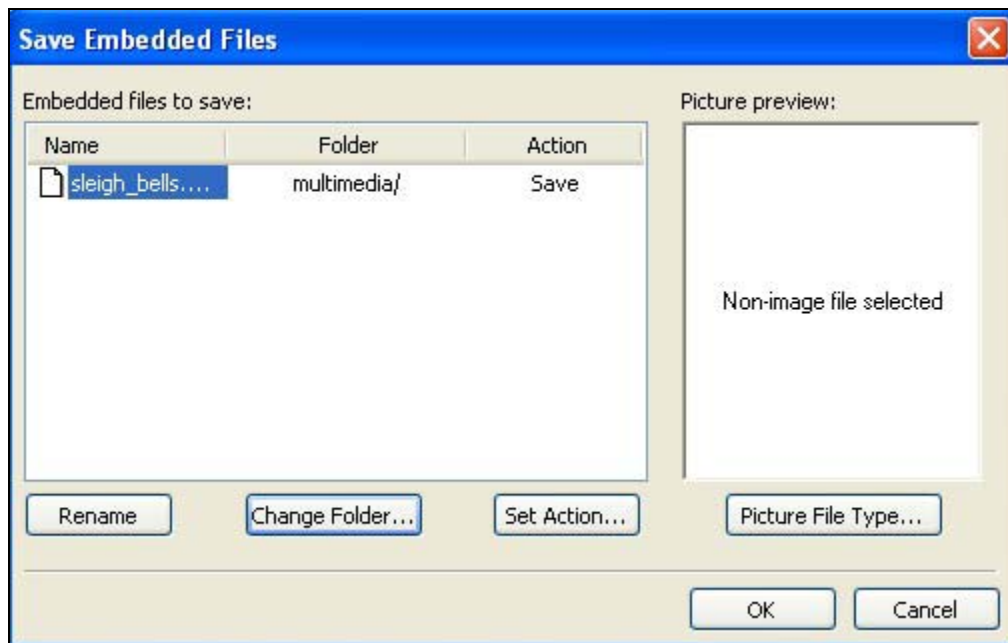   Change the name of the .wav file to **sleigh_bells.wav**. See Figure 1.

Figure 1. Save .wav file

17.   Click the **Change Folder** button.

18.   Select the **multimedia** folder.

19.   Click **OK twice**.

20.   Preview the page.

Deleting ClipArt Sound

1.   Click the **picture icon** to select it.

2.   Press the **Delete** key.

Try It!

Add a music clip art sound to the Favorite Things page.

Adding Wave or MIDI Files

1.   **Right-click** anywhere on the favorite things page.

2.   Left-click Page Properties.

3.   Click the **General** tab, if needed.

4.   In the *Background sound* section, click the **Browse** button.

5.   Navigate to the **CD-ROM**.

6.   Highlight the **chimes.wav** file.

7.   Click **Open**.

8.   Click **OK**.

9.   Save the page.

10.   Save the **chimes.wav** file in the **multimedia** folder.

11.   Preview the page.

Note: Wave files are located in the C:\Windows\Media folder.

Adjusting the Loop

1.   **Right-click** anywhere on the page.

2.   Left-click **Page Properties**.

3.   Click the **General** tab, if needed.

4.   Uncheck the **Forever** box.

5.   Click the **Loop up arrow** until **2** displays.

6.   Click **OK**.

7.   Save the file, and preview it.

Deleting Wave or MIDI Files

1.   **Right-click** anywhere on the page.

2.   Left-click **Page Properties**.

3.   Click the **General** tab, if needed.

4.   Highlight the **file name**.

5.   Press the **Delete** key.

6.   Click **OK**.

Working with Video

Video clips can be added to a web page. The clip can play by itself or controlled by the visitor. Clips can play continuously or a specified number of times. See Table 2 for the common video formats used on the Internet.

Table 2. Video file formats

Format	Extension	Description
AVI (Audio Video Interleaved)	.avi	Supported by most Windows computers. Not supported by non-Windows computers
MPEG (Moving Pictures Experts Group)	.mpg, .mpeg	Most popular format. Do not need special software to play videos.
QuickTime	.qt, .mov	Requires QuickTime software
RealVideo	.rm, .ram	Requires RealPlayer software
Windows Media Format	.wmv, .wvx	Commonly used for video streaming
Shockwave (Flash)	.swf	Require Macromedia Flash player

A Short Review

1. Add a new page to the Practice web site named **Academics**.
2. Add a **4 by 3 table** to the page.
3. **Merge** the first two cells in the first row.
4. Insert a **clip art image** using **books** for the search criteria.
5. Add the **Waves** theme to the entire site.

Adding a Video Clip

1. Type the following text in the first cell of the second row: Early Childhood Development video.
2. Place the cursor in the **first cell** of the **third row**.
3. Click Insert > Picture > Video.
4. Navigate to the **CD-ROM**.
5. Highlight the **child.mwv** file.

6. Click **Open**. An icon is added to the cell.

7. Save the page. Save the video file in the multimedia folder.

8. Preview the page.

Setting Video Properties

1. Double-click the **video icon**. The *Picture Properties* dialog box displays.

2. Click the **Video** tab, if needed.

3. Specify the desired options.

    a. Loop – Enter the number of times the video is to play. For continuous play, click the Forever check box.

    b. Loop Delay – Enter the delay time in milliseconds.

    c. On File Open – With this option, the video plays when the page is opened in a web browser.

    d. On Mouse Over – The video plays when the user moves the mouse over the video.

4. Click **OK**.

Adding a Message if the Video Cannot Play

1. Double-click the **video icon**. The *Picture Properties* dialog box displays.

2. Click the **General** tab.

3. Type the following in the text box: Your web browser cannot play the video.

4. Click **OK**.

Deleting a Video

1. Highlight the **video icon**.

2. Press the **Delete** key.